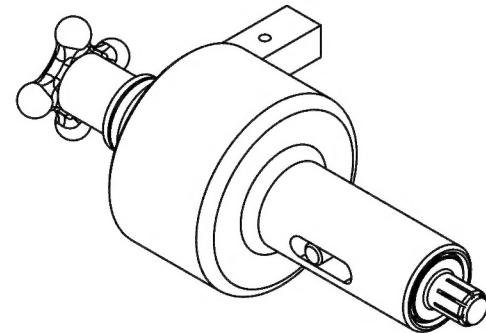
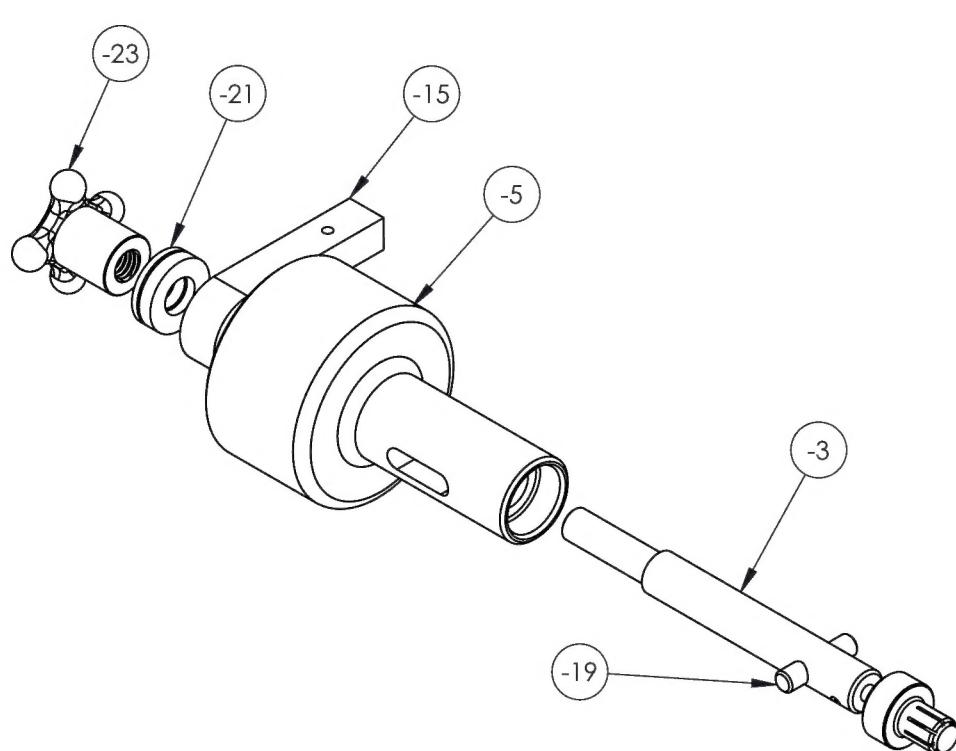


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1	14-0169	-11 CH'D WAS R TYP IS SQUARE CORNER. -17 CH'D MATERIAL WAS STEEL IS SS.			10/7/2014	DJN	GE



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-3	1	SHAFT ASSY			2
			-5	1	HOUSING	SP	Ø2-3/8 X 3-7/8	3
1			-7	1	SHAFT	SP	Ø5/8 X 4-1/2	4
1			-9	1	PIVOT	A36	3/4 X 1-1/4 X 2-5/8	5
1			-11	1	COLLET	6061	Ø3/4 X 1	6
1			-13	1	PIN	SP	Ø5/16 1-3/4	7
X			-15	1	PIVOT ASSY			8
1	1	B/O	-17	1	DOWEL PIN	SS	1/8 X 3/8 MCMASTER-CARR #97395A435	2.8
			-19	1	DOWEL PIN	STEEL	1/4 X 1 MCMASTER-CARR #98381A542	1
		B/O	-21	1	SPHERICAL WASHER		CARR LANE #CL-2-SW	1
		B/O	-23	1	HAND KNOB		CARR LANE #CL-3-HK-4	1
-15 ASSY	-3 ASSY							

DART
AEROSPACE

TITLE
BACKLASH TOOL SET ACCESSORY
DRIVE GEAR, TRANSMISSION

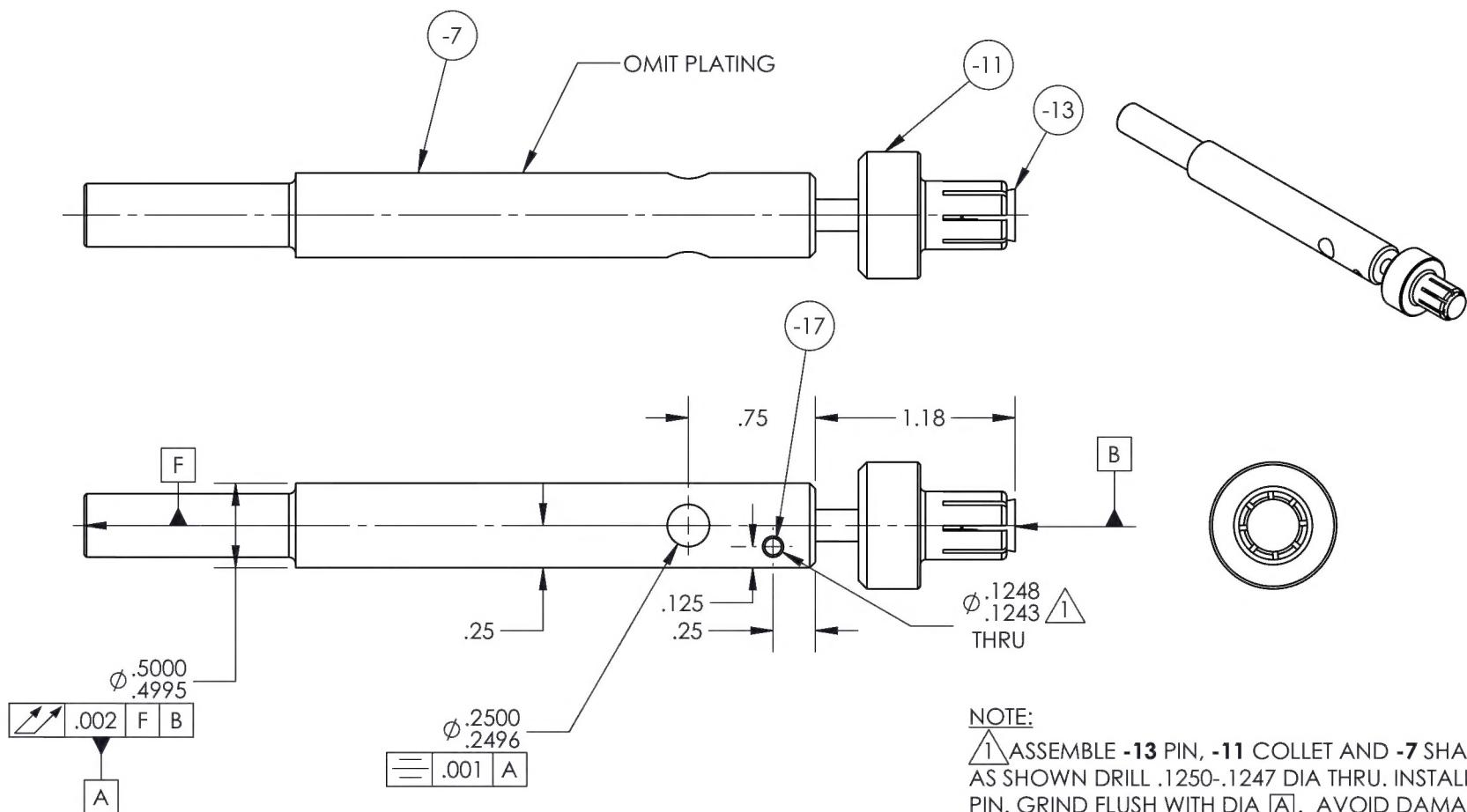
DWG NO.
RB T101735

REV
1

MAT'L	DRAWN BY: NELSON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J. Gilbert</i>
.XXX ± .010	FRACTIONS ± 1/8
.XX ± .03	ANGLES ± 5°
X ± .1	HEAT TREAT FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
SCALE 1:2	DATE 10/9/2014
	SHEET 1 OF 8

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



(-3)
SHAFT ASSY

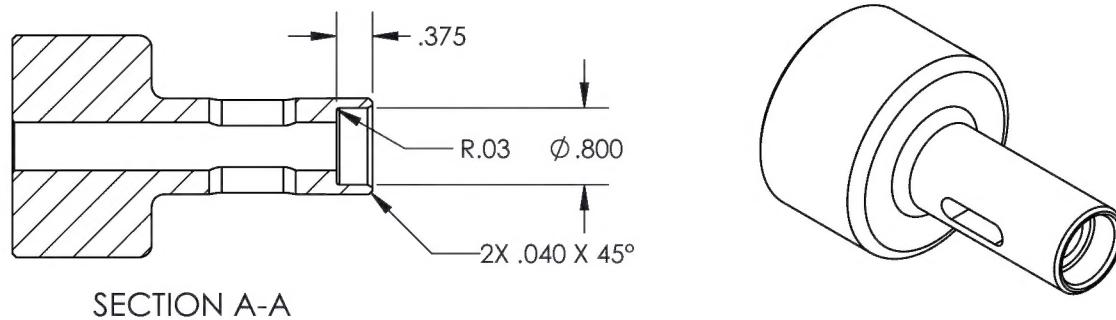
NOTE:
 ASSEMBLE **-13** PIN, **-11** COLLET AND **-7** SHAFT
AS SHOWN DRILL .1250-.1247 DIA THRU. INSTALL **-17**
PIN. GRIND FLUSH WITH DIA **[A]**. AVOID DAMAGE
TO DIA **[A]**. POLISH AREA SMOOTH.



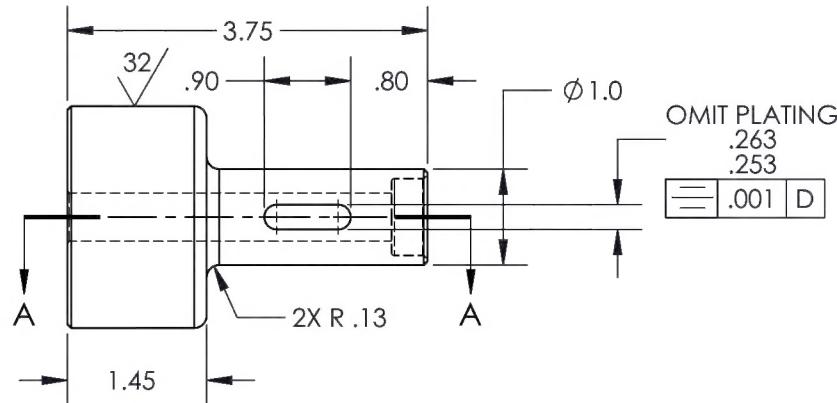
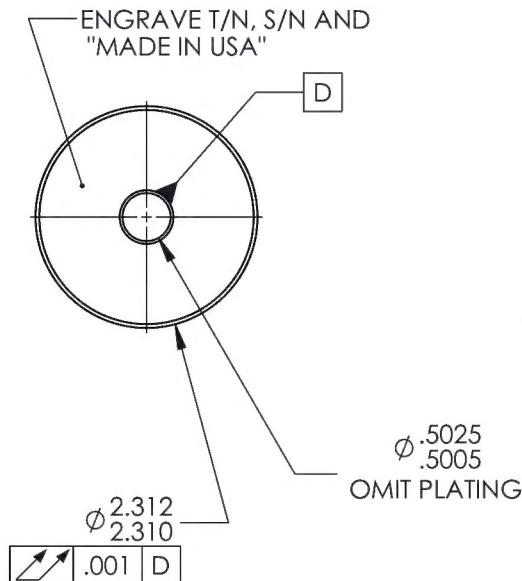
TITLE		BACKLASH TOOL SET ACCESSORY DRIVE GEAR, TRANSMISSION	
DWG NO.		RB T101735-3	REV 1
MATERIAL		DRAWN BY: NELSON	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>J. Gilbert</i>	
.000 ± .010 FRACTIONS ± 1/8		HEAT TREAT	
.00 ± .03 ANGLES ± 5°		FINISH	
SPEC			
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		USED ON MODEL	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING			
SCALE	1:1	DATE	10/6/2014
		SHEET 2 OF 8	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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SECTION A-A



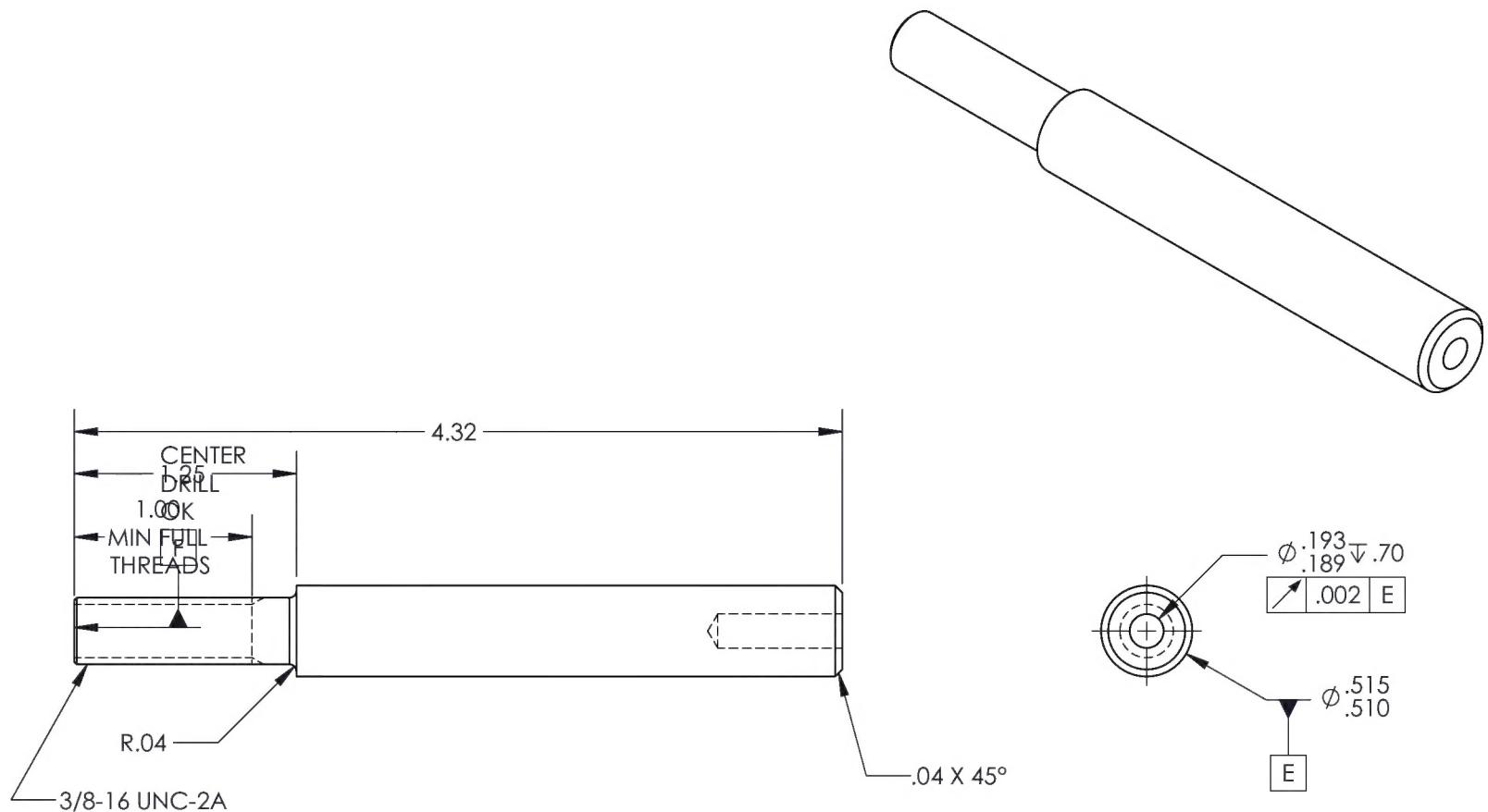
(5)
HOUSING

TITLE	BACKLASH TOOL SET ACCESSORY DRIVE GEAR, TRANSMISSION
DWG NO.	RB T101735-5
MAT'L SP	DRAWN BY: NELSON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>J. Gilbert</i>
.XXX ± .010	FRACTIONS ± 1/8
.XX ± .03	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH CAD PLATE YELLOW
	SPEC QQ-P-416F, TYPE II, CLASS II
	USED ON MODEL
SCALE 1:2	DATE 10/6/2014
	SHEET 3 OF 8

REV
1

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



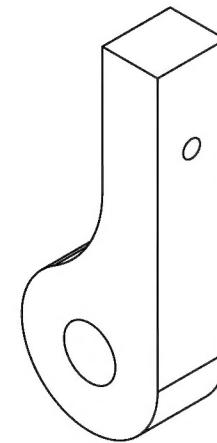
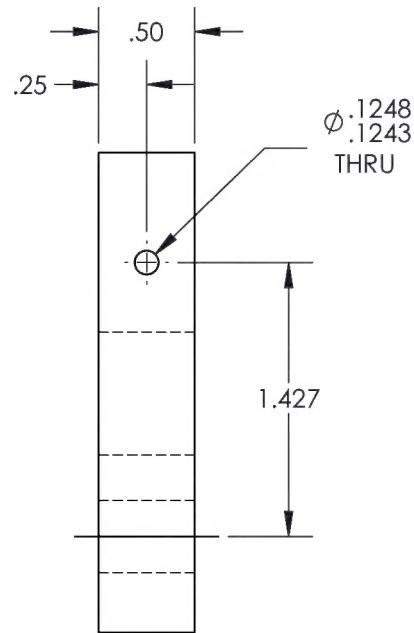
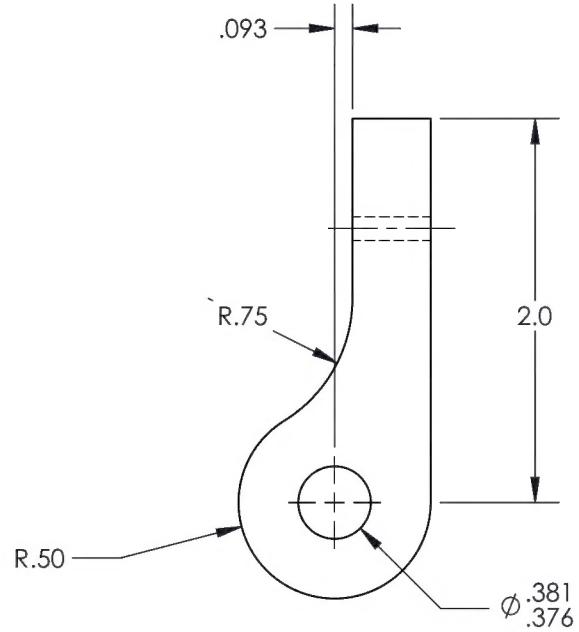
-7

SHAFT

 DART AEROSPACE																	
TITLE	BACKLASH TOOL SET ACCESSORY DRIVE GEAR, TRANSMISSION																
DWG NO.	RB T101735-7																
REV	1																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">MAT'L SP</td> <td style="width: 50%; padding: 5px;">DRAWN BY: NELSON</td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;"> UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES </td> </tr> <tr> <td style="padding: 5px;">.XXX ± .010</td> <td style="padding: 5px;">FRACTIONS ± 1/8</td> </tr> <tr> <td style="padding: 5px;">.XX ± .03</td> <td style="padding: 5px;">ANGLES ± 5°</td> </tr> <tr> <td style="padding: 5px;">.X ± .1</td> <td></td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;"> 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R </td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;"> 2. DIMENSIONAL LIMITS APPLY AFTER PLATING </td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;"> SCALE 1:1 DATE 10/6/2014 SHEET 4 OF 8 </td> </tr> </table>		MAT'L SP	DRAWN BY: NELSON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		.XXX ± .010	FRACTIONS ± 1/8	.XX ± .03	ANGLES ± 5°	.X ± .1		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE 1:1 DATE 10/6/2014 SHEET 4 OF 8	
MAT'L SP	DRAWN BY: NELSON																
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES																	
.XXX ± .010	FRACTIONS ± 1/8																
.XX ± .03	ANGLES ± 5°																
.X ± .1																	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R																	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING																	
SCALE 1:1 DATE 10/6/2014 SHEET 4 OF 8																	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	

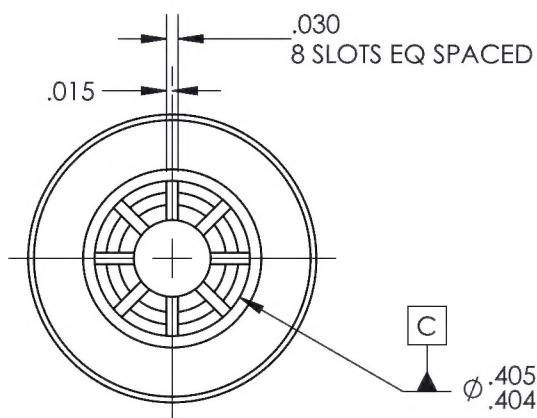
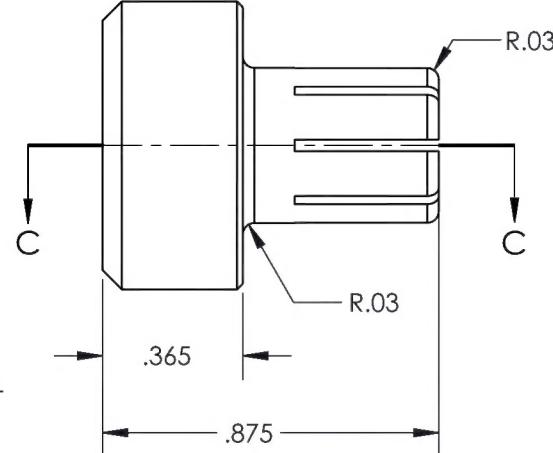
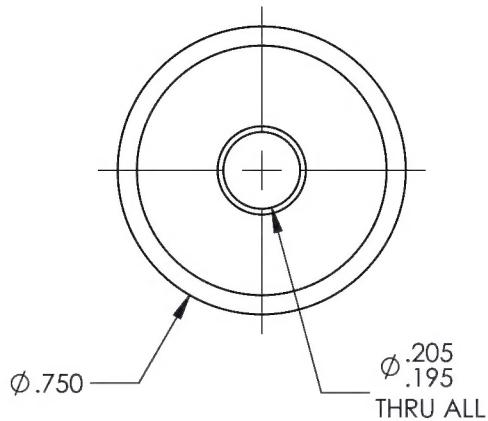
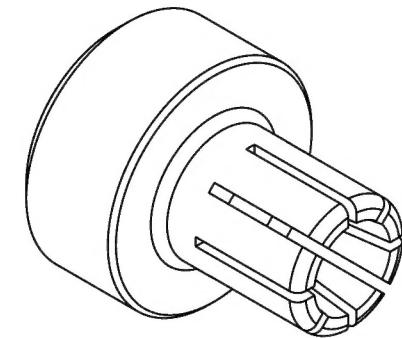
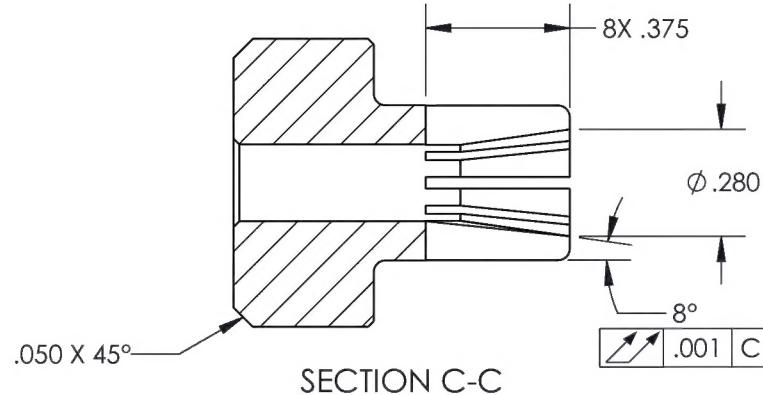


-9

	
TITLE	BACKLASH TOOL SET ACCESSORY DRIVE GEAR, TRANSMISSION
DWG NO.	RB T101735-9
REV 1	
MAT'L	A36
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
$XXX \pm .010$ $.XX \pm .03$ $.X \pm .1$	FRACTIONS $\pm 1/8$ ANGLES $\pm 5^\circ$
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: NELSON APPROVED <i>J. Gilbert</i> HEAT RC 27-33 TREAT FINISH CAD PLATE YELLOW SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL	
SCALE	1:1
DATE	10/6/2014
SHEET 5 OF 8	

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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
1	14-0169		-11 CH'D WAS R TYP IS SQUARE CORNER.						10/7/2014			DJN			GE		

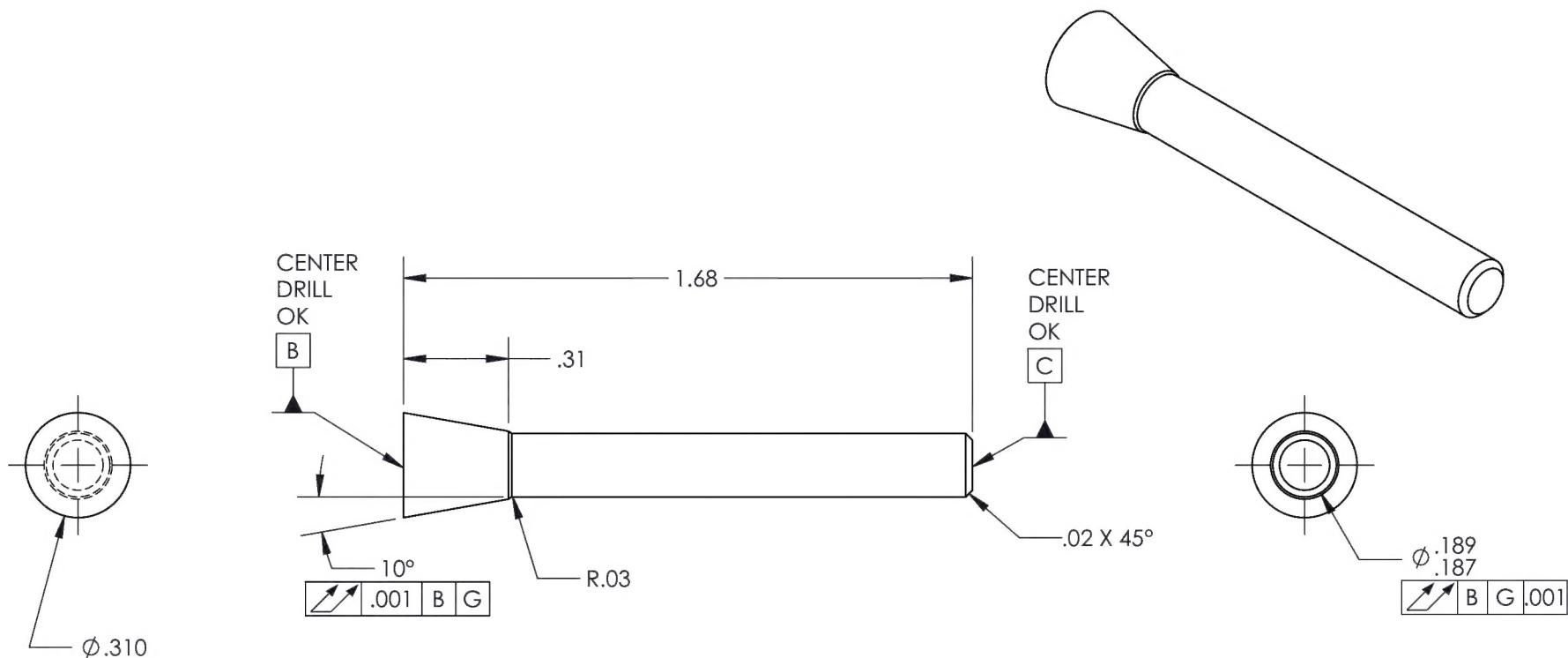


(-11)
COLLET

DART AEROSPACE	
TITLE	BACKLASH TOOL SET ACCESSORY DRIVE GEAR, TRANSMISSION
DWG NO.	RB T101735-11
MAT'L	6061
DRAWN BY:	NELSON
APPROVED	<i>J. Gilbert</i>
HEAT TREAT	
FINISH	CLEAR ANODIZE
SPEC	MIL-A-8625F, TYPE I, CLASS I
USED ON MODEL	
SCALE	2:1
DATE	10/6/2014
SHEET	6 OF 8

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
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(-13)

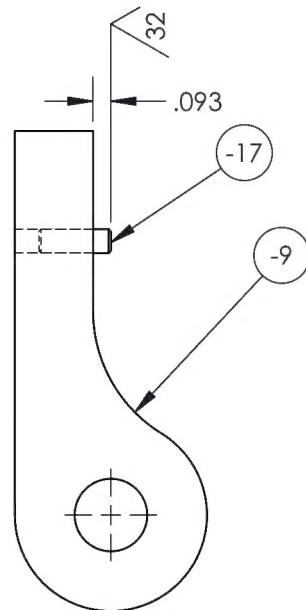
PIN

DART AEROSPACE	
TITLE	BACKLASH TOOL SET ACCESSORY DRIVE GEAR TRANSMISSION
DWG NO.	RB 101735-13
MAT'L SP	DRAWN BY: NELSON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED: <i>J. Gilbert</i>
.XXX ± .010	FRACTIONS ± 1/8
.XX ± .03	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT: RC 27-33
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH: CAD PLATE YELLOW
	SPEC: QQ-P-416F, TYPE II, CLASS II
	USED ON MODEL
SCALE 2:1	DATE 10/6/2014
	SHEET 7 OF 8

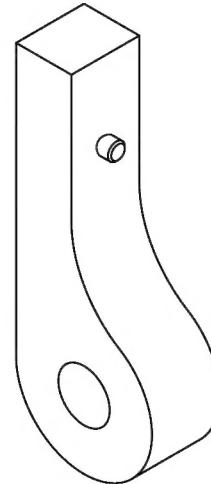
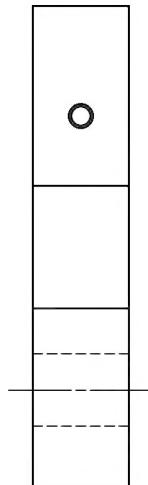
REV
1

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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-15
PIVOT ASSY



	
TITLE	BACKLASH TOOL SET ACCESSORY DRIVE GEAR, TRANSMISSION
DWG NO.	RB T101735-15
MAT'L	DRAWN BY: NELSON
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 5° .X ± .1	APPROVED <i>J. Gilbert</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC
	USED ON MODEL
SCALE 1:1	DATE 10/7/2014
	SHEET 8 OF 8